

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

Claims 1 and 2 (Cancelled)

Claim 3. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said optical data storage drive device is of stand-alone type.

Claim 4. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said optical data storage drive device is of portable type.

Claim 5. (Cancelled)

Claim 6. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said built-in/external device can be a video/audio signal providing device and a video/audio signal player including television, projector, plasma display panel, liquid crystal display and monitor of a personal computer.

Claim 7. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said optical data storage device includes one of CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+RW and DVD-RAM servers.

Claim 8. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said status display includes one of vacuum fluorescent display (VFD) and liquid crystal display (LCD).

Claim 9. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said display is used to display the mode selection, adjustment controlling, and status indicator of said functions.

Claim 10. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said personal computer includes one of a desktop computer, notebook computer, tablet computer.

Claim 11. (Cancelled)

Claim 12. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said standard

interface can be one of the ATAPI-IDE, the serial ATA or SCSI, the USB 1.1/2.0 built-in or externally connected to a personal computer and a IEEE 1394 standard interface.

Claim 13. (Cancelled)

Claim 14. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, further comprising a connecting device equipped with a power connector, a CD analogue audio output connector and a digital interface output connector, while said connecting device has a dominating bus and an input/output bus so as to increase the expandability of said optical data storage drive device.

Claim 15. (Currently Amended) The optical data storage drive device as set forth in claim ~~16~~ 17, wherein said optical data storage drive device is powered by DC or AC power supply.

Claim 16. (Cancelled)

Claim 17. (New) An optical data storage drive device which is used as a built-in or external device to a personal computer utilizing a bus switch to release/resume a standard interface between the personal computer and the optical data

storage drive device, said optical data storage drive device comprising:

 a video and audio input/output selector which inputs/outputs video and audio signals to the built-in/external optical data storage drive device;

 a video and audio encoder/decoder which encodes the inputted video and audio signals before storing and decodes stored video and audio signals before outputting to said built-in/external optical data storage drive device through said video and audio input/output selector;

 a microprocessor which controls the operation of an optical storage device and a memory card reader in accordance with a key-in or prestored instruction and a read/write of a BIOS data of the personal computer, said optical storage device stores the encoded video and audio signal and data coming from said microprocessor through said bus switch, said memory card reader reads/writes the encoded video and audio signal and data coming from said microprocessor through said bus switch;

a status display which displays the operation status of said memory card reader, said optical storage device and the BIOS of the personal computer, said status display being controlled by a display controller connected to said microprocessor;

a power amplifier connected to said video and audio encoder/decoder for amplifying the input signal and decoded output audio signal;

a speaker connected to said power amplifier for outputting the amplified audio signal; and

a detector for detecting a working voltage of the personal computer or a host reset signal on the standard interface between the personal computer and the optical data storage drive device, whereby if either signal is detected the personal computer is power-on and if neither signal is detected the personal computer is power-off,

said detector signals said microprocessor to control said bus switch to release the standard interface when the personal computer power-off is detected so as to operate the optical data storage drive device without the operating system of said personal computer, and signals said microprocessor to control

said bus switch to resume said standard interface when the
 personal computer power-on is detected so as to operate the
 optical data storage drive device through said personal computer.